

Type A, B, or C	State	Certificate Name	Pedagogy Courses	Description of Pedagogy and Professional Knowledge Requirements
Type A	Alabama	Class B Professional Educator	YES	No specific courses are required. Rather, the State Board of Education specifies the knowledge and abilities that must be demonstrated prior to program completion. Each college/university decides what courses to require in order to provide the necessary content. Proposed courses and other required program components are reviewed as part of the program approval process. Changes are made as needed to verify compliance with the standards.
Type A	Alaska	Type A Regular Teacher Certificate	NO	
Type A	Arizona	Provisional Elementary (K-8)	NO	
Type A	Arizona	Provisional Secondary (7-12)	NO	
Type A	Arizona	Provisional Special Education (K-12)	NO	
Type A	Arkansas	Initial Teaching License	YES	As required by NCATE
Type A	California	Preliminary Level I Education Specialist Instruction Credential	YES	This requirement varies by teacher preparation program. In California, teacher preparation programs are evaluated through a comprehensive accreditation process by which they are held to all state standards of quality and effectiveness (see Section IIa for more information regarding the standards.) These standards include the development of a system of pedagogy or professional knowledge coursework, but actual classes are not specified.
Type A	California	Preliminary Multiple Subject Teaching Credential	YES	This requirement varies by teacher preparation program. In California, teacher preparation programs are evaluated through a comprehensive accreditation process by which they are held to all state standards of quality and effectiveness (see Section IIa for more information regarding the standards.) These standards include the development of a system of pedagogy or professional knowledge coursework, but actual classes are not specified.
Type A	California	Preliminary Single Subject Teaching Credential	YES	This requirement varies by teacher preparation program. In California, teacher preparation programs are evaluated through a comprehensive accreditation process by which they are held to all state standards of quality and effectiveness (see Section IIa for more information regarding the standards.) These standards include the development of a system of pedagogy or professional knowledge coursework, but actual classes are not specified.
Type A	Colorado	Provisional License	YES	Colorado approved programs must be designed to comply with the Performance-based Standards for Colorado Teachers. Out-of-state candidates must have completed a state-approved teacher education or alternative teacher program in their home state.
Type A	Connecticut	Initial Educator Certificate	YES	All applicants for seeking endorsements in classroom teaching areas are required to have professional education course work in: (1) foundations of education, (2) education psychology, (3) curriculum and methods of teaching, (4) a course in special education and (5) student teaching (unless waived based on 10 months of appropriate teaching experience).

Type A, B, or C	State	Certificate Name	Pedagogy Courses	Description of Pedagogy and Professional Knowledge Requirements
Type A	Connecticut	Interim Initial Educator Certificate	YES	All applicants for seeking endorsements in classroom teaching areas are required to have professional education course work in: (1) foundations of education, (2) education psychology, (3) curriculum and methods of teaching, (4) a course in special education and (5) student teaching (unless waived based on 10 months of appropriate teaching experience).
Type A	Connecticut	Interim Provisional Educator Certificate	YES	All applicants for seeking endorsements in classroom teaching areas are required to have professional education course work in: (1) foundations of education, (2) education psychology, (3) curriculum and methods of teaching, (4) a course in special education and (5) student teaching (unless waived based on 10 months of appropriate teaching experience).
Type A	Delaware	Initial License	YES	Teachers may complete the pedagogy or professional knowledge coursework through an approved program or individual coursework. The required coursework is: (1) Human Development, (2) Methods of Teaching (in the content area), (3) Identifying/Treating Exceptionalities, (4) Effective Teaching Strategies, and (5) Multicultural Education.
Type A	District of Columbia	Provisional Certificate	NO	
Type A	Florida	Temporary Certificate	NO	
Type A	Georgia	Intern Certificate	YES	Based on the Danielson Framework for Teaching, the pedagogy courses are offered as seminars in a two year internship period.
Type A	Georgia	Professional Clear Renewable Certificate	YES	Programs are based on the Georgia 2000 preparation standards. The requirements for pedagogy are detailed in the standards. There is no set number of courses or classes that an individual must complete.
Type A	Georgia	Provisional Certificate	NO	
Type A	Guam	Professional I		
Type A	Idaho	Early Childhood/E.C. Spec Educ Blended Certificate (Birth-Grade 3)	YES	A minimum of 30 sch in the psychological, philosophical and methodological foundations of education. It must include coursework specific to the young child from birth-grade 3.
Type A	Idaho	Exceptional Child Certificate (K-12)	YES	Depends on individual teacher preparation program. 30 semester credit hours are required in Special Education.
Type A	Idaho	Secondary School Certificate (6-12)	YES	Ed. Psy, methods, foundations of education, teaching reading in the content area, student teaching, and other requirements of the institution.
Type A	Idaho	Standard Elementary Certificate (K-8)	YES	
Type A	Illinois	Initial Early Childhood Certificate (Birth to grade 3)	YES	Coursework totaling 32 semester hours in the following: Child growth and development, history and philosophy of early childhood education, preschool instructional methods, reading methods, elementary methods, development and acquisition of language, and child family and community relationships.
Type A	Illinois	Initial Elementary Certificate (Grades K-9)	YES	Pre-student teaching clinical experience and student teaching.
Type A	Illinois	Initial Secondary Certificate (Grades 6-12)	YES	Per-clinical teaching experiences, student teaching and a major area of specialization totaling 32 semester hours is required.

Type A, B, or C	State	Certificate Name	Pedagogy Courses	Description of Pedagogy and Professional Knowledge Requirements
Type A	Illinois	Initial Special Education (Grades K-12) Certificate	YES	32 semester hours in the major area of specialization and the appropriate distribution. Additionally, 16 semester hours of professional education coursework, including 5 semester hours in student teaching under competent and close supervision.
Type A	Indiana	Reciprocal All Grade Education License (K-12)	YES	Foundations of education, which shall develop the basis of the present educational system, the nature of its social impact, and future implications as seen through historical, sociological, and philosophical foundations of education. Education psychology, which shall introduce the student to the field of psychology and include study of the learner as a growing and developing individual from early childhood through adolescence. General methodology and organization, which shall develop knowledge about the teaching process, including general methods, instructional media, measurement, curriculum development and organization of the elementary and secondary schools, and always including techniques to promote individualized and interdisciplinary learning. Special methods, which shall emphasize the instructional processes appropriate for the age levels covered by this license and in the subject area of the student's major. Sociology of education, which shall include ethnic, cultural, and disability awareness. Classroom management, which shall develop understanding of legal rights and responsibilities of student
Type A	Indiana	Reciprocal Early Childhood Education (Pre-K)	YES	Human growth and learning (infancy to age 8). Laboratory experiences which shall include course work and practical experiences with individual children and parents. Curricula and programs for young children always including reading readiness. Ethnic, cultural and disability awareness.
Type A	Indiana	Reciprocal Elementary Education License (1-6, & Nondepartmentalized 7 & 8)	YES	Foundations of education- This shall develop the basis of the present educational system, the nature of its social impact and future implications as seen through historical, sociological and philosophical foundations of education. Educational psychology- This shall not only introduce the candidate to the field of psychology but develop an awareness of the growth and development of the child in the educational process through the preadolescent period. Methods and materials- This shall emphasize instructional processes appropriate for elementary children and appreciation for the kinds of hardware and software that will facilitate instruction. Specific and continuing pre-student teaching field experiences beginning as early as possible in the candidate's program. Classroom management, including legal rights and responsibilities of teacher and student. Minimum of six (6) semester hours of developmental, diagnostic and corrective reading. Educational measurement and evaluation. Ethnic, cultural and disability awareness.

Type A, B, or C	State	Certificate Name	Pedagogy Courses	Description of Pedagogy and Professional Knowledge Requirements
Type A	Indiana	Reciprocal Junior High/Middle School Education License	YES	Foundations of education- This shall develop the basis of the present educational system, the nature of its social impact and future implications as seen through historical sociological and philosophical foundations of education. Educational psychology- This shall introduce the student to the field of psychology and include study of the learner as a growing and developing individual from childhood to early adolescence, with educational implications. General methodology and organization- This shall develop knowledge about teaching process, including general methods, instructional media, measurement, curriculum, development and organization of the middle, intermediate and/or junior high school and always including techniques to promote individualized and interdisciplinary learning. Special methods- This shall emphasize instructional processes appropriate for the age level covered by this license. Sociology of education Ethnic, cultural and disability awareness. Classroom management- This shall develop understanding of legal rights and responsibilities of student and classroom teacher and human relations skills necessary for effective teaching.
Type A	Indiana	Reciprocal Kindergarten - Primary (K-3)	YES	Foundations of education- This shall develop the basis of the present educational system, the nature of its social impact and future implications as seen through historical, sociological and philosophical foundations of education. Educational psychology- This shall not only introduce the candidate to the field of psychology but develop an awareness of the growth and development of the child in the educational process through the preadolescent period. Methods and materials- This shall emphasize instructional processes appropriate for young children and appreciation for the kinds of hardware and software that will facilitate instruction. Specific and continuing pre-student teaching field experiences beginning as early as possible in the program. Classroom management, including the legal rights and responsibilities of teacher and student. Minimum of six (6) semester hours of developmental, diagnostic and corrective reading. Educational measurement and evaluation. Ethnic, cultural and disability awareness.
Type A	Indiana	Reciprocal Secondary License	YES	Educational psychology- This shall introduce the student to the field of psychology and include study of the learner as a growing and developing individual from early adolescence through adolescence. General methodology and organization- This shall develop knowledge about the teaching process, including general methods, instructional media, measurement, curriculum development and organization of the secondary school, and always including techniques to promote individualized and interdisciplinary learning. Special methods- This shall emphasize the instructional processes appropriate for the age level covered by this license and the subject area of the student's major(s). Sociology of education Ethnic, cultural and disability awareness. Classroom management- This shall develop an understanding of legal rights and responsibilities of student and classroom teacher and human relations skills necessary for effective teaching. Reading- This shall develop understanding of reading problems encountered by secondary students in subject-matter oriented materials (three (3) semester hours).

Type A, B, or C	State	Certificate Name	Pedagogy Courses	Description of Pedagogy and Professional Knowledge Requirements
Type A	Indiana	Reciprocal Senior High, Junior High & Middle School Education License (5-12)	YES	Foundations of education, which shall develop the basis of the present educational system, the nature of its social impact and future implications as seen through historical, sociological and philosophical foundations of education. Educational psychology, which shall introduce the student to the field of psychology and include study of the learner as a growing and developing individual from early adolescence through adolescence. General methodology and organization, which shall develop knowledge about the teaching process, including general methods, instructional media, measurement, curriculum development and organization of the senior high, junior high and middle school and techniques to promote individualized and interdisciplinary learning. Special methods, which shall emphasize the instructional processes appropriate for the age level covered by this license and the subject area of the student's major. Sociology of education, which shall emphasize ethnic, cultural and disability awareness. Classroom management, which shall develop an understanding of legal rights and responsibilities of student and teacher, models and procedures for discipline,
Type A	Iowa	Initial License	YES	Completion of an exceptional learner program, which must include preparation that contributes to the education of the handicapped and the gifted and talented; a Professional education core including coursework or evidence of competency in student learning; diverse learners; instructional planning; instructional strategies; learning environment/classroom management; communication (including knowledge of effective verbal, nonverbal, and media communication techniques, and other forms of symbolic representation, to foster active inquiry, collaboration, and support interaction in the classroom); assessment; foundations, reflection and professional development (including the effects of the practitioner's choices and actions on students, parents, and other professionals in the learning community, and the practitioner actions aimed at seeking out opportunities to grow professionally); collaboration, ethics and relationships; computer technology related to instruction; completion of prestudent teaching field-based experiences; methods of teaching with an emphasis on the subject and grade level endorsement desired; and student teaching in
Type A	Kentucky	Provisional Certificate (Intern)	NO	Candidates must demonstrate mastery of pedagogy and professional knowledge.
Type A	Louisiana	Type C or Level 1 Certificate	YES	Under the new certification structure (a) teachers pursuing degrees in early childhood (PreK-3) are required to complete 63 semester hours in pedagogy; (b) teachers pursuing elementary grades (1-6) are required to complete 51 semester hours in pedagogy; (c) teachers pursuing degrees in middle grades (4-8) are required to complete 46 hours in pedagogy; and (d) teachers pursuing secondary degrees (7-12) are required to complete 39 semester hours in pedagogy. These courses include but are not limited to the following: educational psychology, child and adolescent psychology, instructional strategies, classroom management, assessment, diverse learner, knowledge of the learner and learning environment, methods of instruction, focus areas, and student teaching or a practicum.
Type A	Maine	Provisional Certificate	YES	Varies by endorsement area. See section II.a.

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Type A	Minnesota	Nonrenewable License (temporary limited license)	YES	1) Applicants are required to have completed instruction in methods of teaching in the licensure field and at the licensure level. 2) The completion of professional knowledge standards are required under MN Rule 8700.7600, Subp. 5A (Professional and pedagogical studies) 3) Requires that all licensure applicants demonstrate the standards of effective practice for beginning teachers.
Type A	Mississippi	Class A	YES	K-4 programs must include an interdisciplinary program of study. The minimum core course requirements for the Interdisciplinary Programs of study are as follows: English-12 hours; Mathematics/Science-21 semester hours; Social Studies-12 hours; Reading-6 hours; Special Education-3 hours; and Fine Arts-6 hours. 4-8 programs shall require 2 or more areas (18 hours) of Concentration. 7-12 and other special subject area programs shall require a major in an academic field other than education or a combination of disciplines.
Type A	Missouri	Professional Classification I (PC1)	YES	ELEMENTARY CERTIFICATION, Professional Education: Foundations of Education; School Organization and Management; Personalized Teaching Strategies; Self Awareness and Human Relations; Child Growth and Development; Psychology of Learning; Psychology and Education of the Exceptional Child (including the Gifted); and Behavior Management Techniques (Interpersonal Relationships); Teaching of Reading ;Children's Literature; Language Arts; Math; Science; Social Science to include Geography and Economics; Art; Music; Physical Education; and Microcomputer Applications in Education; and Clinical Experiences. MIDDLE SCHOOL, Professional requirements: Personalized Teaching Strategies; Adolescent Psychology or Psychology of the Middle Level Child (physical, mental development which includes substance abuse, sexuality and peer pressure concerns); Psychology of Learning; Psychology or Education of the Exceptional Child (including the Gifted); Techniques of Classroom Management; Tests and Measurements; Multi-cultural aspects; Middle School Philosophy, Organization, and Curriculum; Legal Foundations of
Type A	Montana	Class 2 Standard Teaching License: Elementary	YES	Professional Educator Preparation Program Standards 10.58.409 GENERAL EDUCATION (1) General education refers to those studies that familiarize the learner with the main disciplines of formalized learning and the contribution of traditional cultures. (a)The general education program shall reflect an understanding of gender equity and multiculturalism of a local, national and global perspective. (b)This program shall be a well planned sequence of courses including both theoretical and practical knowledge and including studies in communications, mathematics, the sciences, the social sciences, humanities and the arts. (c)Evidence shall be provided of an understanding of the role of general education in the professional work of teachers and shall demonstrate the integration of general education throughout the professional educator preparation program. 10.58.410 PROFESSIONAL EDUCATION (1) Professional education refers to those studies which include the foundations of education and the methods and materials of teaching, with supervised laboratory experiences designed to provide competencies required

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Type A	Montana	Class 2 Standard Teaching License: Secondary	YES	These requirements are described in Professional Educator Preparation Program Standards 10.58.409 General Education and 10.58.410 Professional Education. The complete text of these Professional Educator Preparation Program Standards are presented in the Elementary Education Licensure section of this report, and are available on the OPI web site at www.opi.state.mt.us .
Type A	Montana	Class 7 American Indian Language and Culture	NO	
Type A	Nebraska	Temporary Certificate	NO	We accept the requirements of the approved teacher education program from the state in which the applicant completed the program.
Type A	Nevada	Initial License	YES	Methods courses are required for all licenses.
Type A	New Hampshire	Beginning Educator Credential (BEC)	YES	Under Alternatives 1,2, 4 and 5 applicants would have completed professional education/pedagogy requirements. Under Alternative 3, applicants would have demonstrated competencies in the professional education pedagogy areas.
Type A	New Jersey	Certificate of Eligibility (CE)	NO	The professional pedagogy is provided through the provisional teacher program.
Type A	New Jersey	Certificate of Eligibility with Advanced Standing (CEAS)	YES	The candidate must complete a coherent program in professional education to include study in the broad topics of curriculum and evaluation; student learning and development; and the classroom and school. In addition the program must include a minimum of three practical experiences to include student teaching.
Type A	New Mexico	Level 1	YES	SBE approved programs which address teacher competencies for each academic area.
Type A	North Carolina	Initial License	NO	While specific classes are not prescribed, institutions with approved teacher education programs must demonstrate how their programs meet prescribed competencies and guidelines for professional studies and specialty area studies.
Type A	North Dakota	Initial	YES	
Type A	North Dakota	Interim Reciprocal	YES	
Type A	Ohio	Provisional License	YES	All colleges and universities are required to develop professional knowledge and pedagogy programs according to the INTASC standards and the NCATE standards.
Type A	Oklahoma	School License	YES	Graduates of traditional teacher education programs must have completed the professional education coursework required by the institution through which the applicant completed an accredited teacher preparation program.
Type A	Oregon	Transitional Teaching License	YES	There is not a list of specific courses as these are assumed to be part of an approved teacher preparation program.
Type A	Pennsylvania	Professional Instructional Certificate	YES	Each teacher education program has required Performance requirements. See Appendix D, Pa. General Standards and Specific Program Guidelines for State Approval of Professional Educator Programs or go to www.pde.state.pa.us and then to the teaching tab and to the State guidelines for approval.
Type A	Puerto Rico	Certificado Regular	NO	
Type A	South Carolina	Critical Needs	YES	The study of pedagogy and professional knowledge are a part of the PACE program of study.
Type A	South Carolina	Initial	YES	All institutions must provide evidence that all candidates meet the NCATE/program standards related to pedagogy and professional knowledge. All candidates must also meet the ADEPT standards.
Type A	South Dakota	Two-Year Nonrenewable Certificate	YES	

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Type A	Tennessee	Apprentice Teacher License	YES	Variable by Institution... the key issue is that the institution strive to be certain that the candidate is proficient in the knowledge and skills necessary to teach. Periodic visits by the Office of Teacher Education and Accreditation for the purpose of program approval maintain institution accountability in this area.
Type A	Tennessee	Out-of-State Teacher License	NO	We don't require them, but it is assumed that they will have had them if they have completed an approved teacher preparation program or have met requirements for licensure outside the State of Tennessee.
Type A	Utah	Utah Professional Educator License, Level I	YES	Completion of a teacher preparation program from an accredited institution of higher education, including student teaching.
Type A	Vermont	Level I - Beginning Educator License	NO	
Type A	Virgin Islands	Emergency	NO	
Type A	Virgin Islands	General	YES	24 credit hours. For K-3: early childhood ed. degree or B.A./B.S., including 48 hours in education, with a minimum of 24 hrs in early childhood ed and student teaching. For 4-6: B.A./B.S., including 48 hrs in education; 24 hrs in elem. ed., including student teaching. For 7-12: B.A./B.S., including 18 hrs in ed, including student teaching; 36 hrs in major field.
Type A	Virgin Islands	Temporary	NO	
Type A	Virginia	Provisional License	YES	Licensure requirements are described in the Virginia Licensure Regulations for School Personnel, Effective 1998 and may be accessed at the Department's Web site: http://www.pen.k12.va.us/VDOE/newvdoe/teached.html
Type A	Washington	Residency Certificate	YES	Specific courses are not mandated; however, teacher candidates must meet all of the knowledge and skills standards identified in WAC 180-78A-270.
Type A	West Virginia	Provisional Professional Certificate - Three Years	YES	The requirements are found in State Board Policy 5100.
Type A	Wisconsin	Two Year Minor Deficiency License (for out-of-state applicants only)	YES	Courses in professional education are required based on Wisconsin statutes and rules. See: www.dpi.state.wi.us
Type A	Wyoming	Standard Teaching Certificate	YES	Located at www.k12.wy.us/ptsb/rules . Chapter 3, Section 5.
Type B	Alabama	Class A Professional Educator	YES	The institution must have regional accreditation to provide the master's degree and the program must meet the institution's requirements for a master's degree. At least one-third of the courses required in the program must be teaching field courses. Survey of special education coursework shall be required unless previously completed. In addition, the courses required by the institution must meet technology standards adopted by the State Board of Education in March 2002.
Type B	Arizona	Standard Elementary (K-8)	NO	
Type B	Arizona	Standard Secondary (7-12)	NO	
Type B	Arizona	Standard Special Education (K-12)	NO	
Type B	Arkansas	Standard Teaching License	YES	As required by NCATE

Type A, B, or C	State	Certificate Name	Pedagogy Courses	Description of Pedagogy and Professional Knowledge Requirements
Type B	California	Professional Clear Level II Education Specialist Instruction Credential	YES	This requirement varies by teacher preparation program. In California, teacher preparation programs are evaluated through a comprehensive accreditation process by which they are held to all state standards of quality and effectiveness (see Section IIa for more information regarding the standards.) These standards include the development of a system of pedagogy or professional knowledge coursework, but actual classes are not specified.
Type B	California	Professional Clear Multiple Subject Teaching Credential	YES	This requirement varies by teacher preparation program. In California, teacher preparation programs are evaluated through a comprehensive accreditation process by which they are held to all state standards of quality and effectiveness (see Section IIa for more information regarding the standards.) These standards include the development of a system of pedagogy or professional knowledge coursework, but actual classes are not specified.
Type B	California	Professional Clear Single Subject Teaching Credential	YES	This requirement varies by teacher preparation program. In California, teacher preparation programs are evaluated through a comprehensive accreditation process by which they are held to all state standards of quality and effectiveness (see Section IIa for more information regarding the standards.) These standards include the development of a system of pedagogy or professional knowledge coursework, but actual classes are not specified.
Type B	Colorado	Professional License	NO	
Type B	Connecticut	Provisional Educator Certificate	YES	This requirement may be waived if the candidate is eligible for Connecticut certification based on the NASDTEC interstate contract.
Type B	Delaware	Continuing License	YES	The teacher must have completed five courses: (1) Human Development, (2) Methods of Teaching (in the content area), (3) Identifying/Treating Exceptionalities, (4) Effective Teaching Strategies, and (5) Multicultural Education.
Type B	District of Columbia	Standard Certificate	YES	
Type B	Guam	Professional II		
Type B	Hawaii	Hawaii Teaching License	YES	Classes vary by institutions of higher education (IHEs); however, teacher candidates are expected to demonstrate competencies in the performance standards established by HTSB. Reference: Hawaii Administrative Rules, Section 8-54-10.
Type B	Illinois	Standard Early Childhood Certificate	YES	See previous Initial Early Childhood requirements.
Type B	Illinois	Standard Elementary Certificate		See previous Initial Elementary requirements.
Type B	Illinois	Standard Secondary Certificate	YES	See previous Initial Secondary requirements.
Type B	Illinois	Standard Special Education (K-12) Certificate	YES	See previous Initial Secondary requirements.

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Type B	Indiana	Standard All Grade Education License (K-12)	YES	Foundations of education, which shall develop the basis of the present educational system, the nature of its social impact, and future implications as seen through historical, sociological, and philosophical foundations of education; Education psychology, which shall introduce the student to the field of psychology and include study of the learner as a growing and developing individual from early childhood through adolescence. General methodology and organization, which shall develop knowledge about the teaching process, including general methods, instructional media, measurement, curriculum development and organization of the elementary and secondary schools, and always including techniques to promote individualized and interdisciplinary learning; Special methods, which shall emphasize the instructional processes appropriate for the age levels covered by this license and in the subject area of the student's major; Sociology of education, which shall include ethnic, cultural, and disability awareness; Classroom management, which shall develop understanding of legal rights and responsibilities of studen
Type B	Indiana	Standard Early Childhood Education License	YES	Human growth and learning (infancy to age 8); Laboratory experiences which shall include course work and practical experiences with individual children and parents; Curricula and programs for young children always including reading readiness; Ethnic, cultural and disability awareness
Type B	Indiana	Standard Elementary Education License (1-6)	YES	Foundations of education This shall develop the basis of the present educational system, the nature of its social impact and future implications as seen through historical, sociological and philosophical foundations of education; Educational psychology This shall not only introduce the candidate to the field of psychology but develop an awareness of the growth and development of the child in the educational process through the preadolescent period; Methods and materials This shall emphasize instructional processes appropriate for elementary children and appreciation for the kinds of hardware and software that will facilitate instruction; Specific and continuing pre-student teaching field experiences beginning as early as possible in the candidate's program; Classroom management, including legal rights and responsibilities of teacher and student. Minimum of six (6) semester hours of developmental, diagnostic and corrective reading; Educational measurement and evaluation; Ethnic, cultural and disability awareness.

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Type B	Indiana	Standard Junior High/Middle School License (5-9)	YES	Foundations of education: This shall develop the basis of the present educational system, the nature of its social impact and future implications as seen through historical sociological and philosophical foundations of education; Educational psychology: This shall introduce the student to the field of psychology and include study of the learner as a growing and developing individual from childhood to early adolescence, with educational implications; General methodology and organization: This shall develop knowledge about teaching process, including general methods, instructional media, measurement, curriculum, development and organization of the middle, intermediate and/or junior high school and always including techniques to promote individualized and interdisciplinary learning; Special methods: This shall emphasize instructional processes appropriate for the age level covered by this license; Sociology of education Ethnic, cultural and disability awareness; Classroom management: This shall develop understanding of legal rights and responsibilities of student and classroom teacher and human relations skills 'necessary for effective teaching;
Type B	Indiana	Standard Kindergarten-Primary (K-3) License	YES	Foundations of education This shall develop the basis of the present educational system, the nature of its social impact and future implications as seen through historical, sociological and philosophical foundations of education; Educational psychology This shall not only introduce the candidate to the field of psychology but develop an awareness of the growth and development of the child in the educational process through the preadolescent period; Methods and materials This shall emphasize instructional processes appropriate for young children and appreciation for the kinds of hardware and software that will facilitate instruction; Specific and continuing pre-student teaching field experiences beginning as early as possible in the program; rights and responsibilities of teacher and student.
Type B	Indiana	Standard Secondary License (9-12)	YES	Foundations of education: This shall develop the basis of the present educational system, the nature of its social impact and future implications as seen through historical, sociological and philosophical foundations of education; Educational psychology: This shall introduce the student to the field of psychology and include study of the learner as a growing and developing individual from early adolescence through adolescence; General methodology and organization: This shall develop knowledge about the teaching process, including general methods, instructional media, measurement, curriculum development and organization of the secondary school, and always including techniques to promote individualized and interdisciplinary learning; Special methods: This shall emphasize the instructional processes appropriate for the age level covered by this license and the subject area of the student's major(s); Sociology of education Ethnic, cultural and disability awareness; Classroom management: This shall develop an understanding of legal rights and responsibilities of student and classroom teacher and human relations skills 'necessary for eff

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Type B	Indiana	Standard Senior High, Junior High/Middle School License (5-12)	YES	Foundations of education, which shall develop the basis of the present educational system, the nature of its social impact and future implications as seen through historical, sociological and philosophical foundations of education; Educational psychology, which shall introduce the student to the field of psychology and include study of the learner as a growing and developing individual from early adolescence through adolescence; General methodology and organization, which shall develop knowledge about the teaching process, including general methods, instructional media, measurement, curriculum development and organization of the senior high, junior high and middle school and techniques to promote individualized and interdisciplinary learning' Special methods, which shall emphasize the instructional processes appropriate for the age level covered by this license and the subject area of the student's major; Sociology of education, which shall emphasize ethnic, cultural and disability awareness; Classroom management, which shall develop an understanding of legal rights and responsibilities of student and teacher, 'models and procedures for discipline,
Type B	Iowa	Standard License	YES	Course work in exceptional children is a statutory requirement.
Type B	Kansas	Standard 3-Year Certificate	YES	Completion of an approved program in education from an accredited four year institution is required.
Type B	Kentucky	Professional Certificate (at baccalaureate level)	NO	
Type B	Louisiana	Type B or Level 2 Certificate	NO	Pedagogy and professional knowledge classes are required for the initial certificate, not for the "B" certificate or Level II license.
Type B	Maine	Professional Certificate	YES	See Level I certificate.
Type B	Maryland	Professional Eligibility Certificate	YES	If completing an approved program, pedagogy coursework would be guided by the standards of the learned society. If completing a transcript analysis route to certification, see following regulations: https://constmail.gov.state.md.us/comar/13a/13a.12.02.15.htm (early childhood and elementary education); https://constmail.gov.state.md.us/comar/13a/13a.12.02.40.htm (secondary, N-12)
Type B	Maryland	Standard Professional Certificate I	YES	If completing an approved program, pedagogy coursework would be guided by the standards of the learned society. If completing a transcript analysis route to certification, see the following regulations: https://constmail.gov.state.md.us/comar/13a/13a.12.02.15.htm (early childhood and elementary education); https://constmail.gov.state.md.us/comar/13a/13a.12.02.40.htm (secondary, N-12)
Type B	Maryland	Standard Professional Certificate II	YES	If completing an approved program, pedagogy coursework would be guided by the standards of the learned society. If completing a transcript analysis route to certification, see following regulations: https://constmail.gov.state.md.us/comar/13a/13a.12.02.15.htm (early childhood and elementary education); https://constmail.gov.state.md.us/comar/13a/13a.12.02.40.htm (secondary, N-12)

Type A, B, or C	State	Certificate Name	Pedagogy Courses	Description of Pedagogy and Professional Knowledge Requirements
Type B	Massachusetts	Initial License	YES	Initial License. All sponsoring organizations and approved programs leading to the Initial license shall provide the following components: (a)Preparation that addresses the following; Subject matter knowledge requirements for the license, and (b)Knowledge of appropriate student learning standards in Massachusetts Curriculum Frameworks, and (c)Professional Standards for Teachers or Administrators (603 CMR 7.08 and 7.10), including the use of Massachusetts Curriculum Frameworks in instruction. and (d)Application of knowledge in practice, and (e)Pre-practicum. and (f)Practicum or practicum equivalent. http://www.doe.mass.edu/lawsregs/603cmr7/7.03.html
Type B	Michigan	Provisional Certificate	YES	The applicant shall present evidence of a minimum of 20 semester hours in professional knowledge and pedagogy. This includes: (a) How human beings grow and how they learn. Elementary preparation shall focus on the developmental needs of preadolescents and early adolescents. Secondary preparation shall focus on the developmental needs of early adolescents and adolescents. All study shall include the needs of the exceptional child, including those with handicapping conditions, the gifted and talented, and those with cultural differences. (b) The structure, function, and purposes of educational institutions in our society. (c) The methods and materials of instruction appropriate to the elementary and middle levels or the middle and secondary levels. The provisions of this part are mandatory for programs at state board-approved teacher education institutions in this state after July 1, 1987. In addition, the applicant shall present evidence that he or she has participated under institutional supervision for a minimum of 6 semester hours (of the 20) in directed teaching at the level for which 'the certifi
Type B	Minnesota	Professional License	YES	1) The first professional license which shall be issued in any licensure area to an applicant who meets all requirements of subpart 1 and who completes an approved program leading to licensure in a Minnesota institution which is approved by the Board of Teaching to prepare persons for licensure is a first professional license(MN Rule 8710.0300, subp 2). http://www.revisor.leg.state.mn.us/arule/8710/0300.html 2) Professional knowledge standards are required under MN Rule 8700.7600, Subp 5 A (Professional and pedagogical studies) http://cfl.state.mn.us/teachbrd/AR3069.html
Type B	Mississippi	Class AA	YES	K-4 programs must include an interdisciplinary program of study. The minimum core course requirements for the Interdisciplinary Programs of study are as follows: English-12 hours; Mathematics/Science-21 semester hours; Social Studies-12 hours; Reading-6 hours; Special Education-3 hours; and Fine Arts-6 hours. 4-8 programs shall require 2 or more areas (18 hours) of Concentration. 7-12 and other special subject area programs shall require a major in an academic field other than education or a combination of disciplines. Source: Process Performance Review Guide page 7, July, 1999

Type A, B, or C	State	Certificate Name	Pedagogy Courses	Description of Pedagogy and Professional Knowledge Requirements
Type B	Mississippi	Class AAA	YES	K-4 programs must include an interdisciplinary program of study. The minimum core course requirements for the Interdisciplinary Programs of study are as follows: English-12 hours; Mathematics/Science-21 semester hours; Social Studies-12 hours; Reading-6 hours; Special Education-3 hours; and Fine Arts-6 hours. 4-8 programs shall require 2 or more areas (18 hours) of Concentration. 7-12 and other special subject area programs shall require a major in an academic field other than education or a combination of disciplines. Source: Process Performance Review Guide page 7, July, 1999
Type B	Nebraska	Initial Certificate	YES	Nebraska programs which prepare beginning teachers require at least 40 hours of general education, at least one-sixth of the total credit requirements must be in pedagogy including knowledge and foundations of education, human growth and development, methods and materials of teaching, assessment of student learning, 100 clock hours of pre-student teaching field experiences, and at least 14 weeks of full-time student teaching.
Type B	New York	Provisional -- Elementary Teaching Certificate (Pre-K - 6)	YES	30 hours of study in specified outcome-based professional education including at least six semester hours in the teaching of reading; six semester hours of study in each of the following subjects: English, Mathematics, Science, Social Studies, a Language other than English.
Type B	New York	Provisional -- Secondary Academic Teaching Certificate (7-12)	YES	Professional Education Courses, 18 semester hours. Study in instructional planning and assessment, knowledge of the learner, instructional delivery, and the professional environment. Professional education courses are those specifically for individuals preparing for a career in teaching, administration, or pupil personnel services. These courses must be part of a teacher education program at an institution of higher education offering a baccalaureate or higher degree. Semester hour credit for student teaching is not applicable to professional education requirements.
Type B	Oregon	Initial Teaching License	YES	There is not a prescriptive course list. Candidates are required to document knowledge of learning, subject matter, curriculum, and methods appropriate to students' ages.
Type B	Rhode Island	Provisional Certificate	YES	All teaching certificates in Rhode Island require professional knowledge coursework in child/adolescent development, grade level appropriate pedagogy, survey of exceptional children, reading, and foundations of education.
Type B	South Dakota	Five-Year Certificate	YES	A methods course is required in all academic majors.
Type B	Texas	Texas Standard Classroom Teacher Certificate	NO	For certification, candidates must pass a standards-based examination such as the TExES Pedagogy and Professional Responsibilities (PPR) assessment. To achieve success on the PPR, candidates need the strong foundation of skills and knowledge gained through preparation in pedagogy and/or professional-development classes. While specific courses per se are not required, successfully obtaining certification does require an appropriate level of understanding in professional knowledge and skills that can be gained only through coursework and other preservice and inservice experiences.
Type B	Virginia	Collegiate Professional License	YES	See Virginia Licensure Regulations for School Personnel at http://www.pen.k12.va.us/VDOE/newvdoe/teached.html .

Type A, B, or C	State	Certificate Name	Pedagogy Courses	Description of Pedagogy and Professional Knowledge Requirements
Type B	Wisconsin	Regular License	YES	Professional education courses as described in Wisconsin statute and administrative rule. See: www.dpi.state.wi.us □
Type C	Mississippi	Class AAAA	<i>States are not required to provide this information for Type C Certificates.</i>	